

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	790	(502/185).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 09:45
S2	366	((support or substrate or carrier) same (carbon or carbonaceous)) and ((502/185).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 06:58
S3	233	((((support or substrate or carrier) same (carbon or carbonaceous)) and ((502/185).CCLS.)) and (platinum or chloroplatinic or chloroplatinate or tetrachloroplatinate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 06:58
S4	33	(((((support or substrate or carrier) same (carbon or carbonaceous)) and ((502/185).CCLS.)) and (platinum or chloroplatinic or chloroplatinate or tetrachloroplatinate)) and (ruthenium same (nitrate or chloride or sulfate)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:00
S5	11	(((((support or substrate or carrier) same (carbon or carbonaceous)) and ((502/185).CCLS.)) and (platinum or chloroplatinic or chloroplatinate or tetrachloroplatinate)) and (ruthenium same (nitrate or chloride or sulfate))) and ((oxidiz\$3 or oxidat\$3) same (peroxide or oxygen or ozone)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:09
S6	4	(((((support or substrate or carrier) same (carbon or carbonaceous)) and ((502/185).CCLS.)) and (platinum or chloroplatinic or chloroplatinate or tetrachloroplatinate)) and (ruthenium same (nitrate or chloride or sulfate))) and ((oxidiz\$3 or oxidat\$3) adj agent))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:10
S7	3796	(429/30,33,34,38,39).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/02 07:11

## EAST Search History

S8	229	((429/30,33,34,38,39).CCLS.) and (substrate same ((ion adj exchange) or (gas adj diffusion)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:12
S9	227	((((429/30,33,34,38,39).CCLS.) and (substrate same ((ion adj exchange) or (gas adj diffusion)))) and ((fuel adj cell) or electrocataly\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:13
S10	53	(((((429/30,33,34,38,39).CCLS.) and (substrate same ((ion adj exchange) or (gas adj diffusion)))) and ((fuel adj cell) or electrocataly\$3)) and (carbon near5 (oxidiz\$2 or ozone or peroxide or oxygen))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:14
S11	0	(((((429/30,33,34,38,39).CCLS.) and (substrate same ((ion adj exchange) or (gas adj diffusion)))) and ((fuel adj cell) or electrocataly\$3)) and (carbon near5 (nitric or perchloric or chloric or permanganic or chromic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:15
S12	12	(((((429/30,33,34,38,39).CCLS.) and (substrate same ((ion adj exchange) or (gas adj diffusion)))) and ((fuel adj cell) or electrocataly\$3)) and (carbon near5 (oxidiz\$2 or ozone or peroxide or oxygen))) and (platinum not ruthenium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/02 07:15
S13	11616	(platinum or pt) same (ruthenium or ru) same carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 09:46
S14	584	S13 and ((platinum or pt) same (sulfite or tetrachloroplatinate or phosphine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 09:47
S15	1249	S13 and ((platinum or pt) same (sulfite or tetrachloroplatinate or chloroplatinic or phosphine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 09:47
S16	592	S15 and ((ruthenium or ru) same (chloride or "nitrosyl nitrate" or "nitrosyl sulfate"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 09:48

## EAST Search History

S17	161	S16 and ((oxidizing or oxidant) same (peroxide or oxygen or ozone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:53
S18	44	S17 and ((oxidizing or oxidant) same (acid\$2 with (perchloric or nitric or chloric or permanganic or chromic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:53
S19	23	S18 and electrocatalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 09:52
S20	14	S19 and (gdl or "gas diffusion layer" or "gas diffusion backing" or "ion exchange" or "perfluorinated sulfonic" or perfluro\$1sulfonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 09:54
S21	378	(platinum or pt) same (oxidizing or oxidized or oxidant) same carbon same (precipitating or precipitant or precipitation or precipitate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:41
S22	115	S21 and (ruthenium or ru)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:43
S23	24	S22 and ((platinum or pt) same (chloroplatinic or sulfite or tetrachloroplatinate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:44
S24	15	S23 and ((ruthenium or ru) same ("nitrosyl nitrate" or "nitrosyl sulfate" or chloride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:45
S25	244	(platinum or pt) same (oxidizing or oxidant) same carbon same (precipitating or precipitant or precipitation or precipitate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:41
S26	84	S25 and (ruthenium or ru)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:44

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S27	22	S26 and ((platinum or pt) same (chloroplatinic or sulfite or tetrachloroplatinate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:44
S28	14	S27 and ((ruthenium or ru) same ("nitrosyl nitrate" or "nitrosyl sulfate" or chloride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:52
S29	156	S25 and ((oxidizing or oxidant) same (peroxide or oxygen or ozone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:53
S30	47	S29 and ((oxidizing or oxidant) same (acid\$2 with (perchloric or nitric or chloric or permanganic or chromic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:54